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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/634,241	08/05/2003	Nobuhiro Sato	35997	6397

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PEARNE & GORDON LLP  
1801 EAST 9TH STREET  
SUITE 1200  
CLEVELAND, OH 44114-3108

EXAMINER

BLOUIN, MARK S

ART UNIT	PAPER NUMBER
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2627

DATE MAILED: 04/27/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/634,241

Applicant(s)

SATO ET AL.

Examiner

Mark Blouin

Art Unit

2627

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
  - 2) ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 4/1/04 ~~5/18/04~~
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

**Detailed Action**

***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-19 are rejected under 35 U.S.C. 102(b) as being anticipated by Yoshinori (JPN 2001-303839).

3. Regarding Claims 1, 13, and 16, Yoshinori shows (Figs. 1-8) an electronic apparatus comprising a frame member (piece slot 14 is in) attached to a front part of an apparatus body; a movable member (6) movably supported on an inside of the frame member; and driving means wherein the for driving the movable member is rotated around a first shaft (2b), an initial movement from an accommodation position of the movable member by the driving means has a movement component a forward direction with respect to the apparatus body at a position of the first shaft and a position of a front end which is opposite to the first shaft, while a lower part the movable member moves in forward and backward directions of the apparatus body by a driving operation of the driving means to open and close the front part of the apparatus body (directions shown in figure 8), and an upper end is displaced only a downward direction in a vertical direction of the apparatus body when the movable member in the most erected state is rotated, and a component in a direction orthogonal to the forward direction in a position of a front end which is opposite to the first shaft is set in a direction of the first shaft side (directions shown in figure 8).

4. Regarding Claim 2, Yoshinori shows (Figs. 1-8) the electronic apparatus wherein the first shaft (2b) and the front end of the movable member initially move in parallel each other, when the movable member (20) moves from an accommodation position.

5. Regarding Claim 3, Yoshinori shows (Figs. 1-8) the electronic apparatus wherein the driving means includes a sliding member (2) for moving a lower part of the movable member in forward and backward directions, and the first shaft is rotatably coupled to the sliding member.

6. Regarding Claims 4, 5, and 6, Yoshinori shows (Figs. 1-8) the electronic apparatus wherein the movable member (20) has a second shaft (6a) in both side portions, and the frame member (piece slot 14 is in) has a guide groove (14) for slidably guiding the second shaft, further comprising an energizing means, a spring (15), for forward energizing the second shaft side of the movable member in the accommodation position.

7. Regarding Claim 7, Yoshinori shows (Figs. 1-8) the electronic apparatus wherein the guide groove (14) has an upper end for guiding the second shaft in a forward direction with respect to the apparatus body.

8. Regarding Claim 8, 14, and 15, Yoshinori shows (Figs. 1-8) the electronic apparatus wherein the driving means includes a sliding member (2) for moving a lower part of the movable member in forward and backward directions, the first shaft (2b) is rotatably coupled to the sliding member (2), the movable member has a second shaft (6a) in both side portions, the frame member has a guiding the second shaft, and the front end of the movable guide groove for slidably member, the second shaft, and the first shaft are positioned from a forward side to a rearward side of the apparatus body in this order.

9. Regarding Claim 9, Yoshinori shows (Figs. 1-8) the electronic apparatus wherein the movable member has a projection (shown on 6), the frame member has a guide groove (14) in a position corresponding to the projection of an internal wall surface, and the projection is inserted into the guide groove when the movable member comes to be accommodated.

10. Regarding Claim 10, Yoshinori shows (Figs. 1-8) the electronic apparatus further comprising a rubber pad (8) on an opposed surface of the guide groove.

11. Regarding Claims 11 and 12, Yoshinori shows (Figs. 1-8) the driving and positioning methods, respectively, by virtue of the operation and function of the apparatus.

12. Regarding Claim 17, Yoshinori shows (Figs. 1-8) the electronic apparatus wherein the driving means includes a sliding member (2) for moving a lower part the apparatus body in forward and backward directions, and the first shaft (2b) is rotatably coupled to the sliding member.

13. Regarding Claim 18, Yoshinori shows (Figs. 1-8) the electronic apparatus, wherein the movable member (6) has a second shaft (6a) in both side portions, and the frame member has a guide groove (14) for slidably guiding the second shaft.

14. Regarding Claim 19, Yoshinori shows (Figs. 1-8) the electronic apparatus, wherein the driving means includes a sliding member (2) for moving a lower part of the apparatus body in forward and backward directions, the first shaft (2b) is rotatably coupled to the sliding member, the movable member has a second shaft (6a) in both side portions, the frame member has a guide groove (14) for slidably guiding the second shaft, and the first shaft, the front end of the movable member, and the second shaft (6a) are positioned from a forward side to a rearward side of the apparatus body in this order.

*Conclusion*

15. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark Blouin whose telephone number is 571-272-7583. The examiner can normally be reached on M-F from 6:00 to 3:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hoa Nguyen, can be reached on 571-272-7579. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Mark Blouin  
Patent Examiner  
Art Unit 2653  
April 24, 2006

A. J. HEINZ  
PRIMARY EXAMINER  
GROUP ~~2653~~ A. U. 2627

